SBR No. 78/2425
DATED 31.07.24

P.S. 20Th RA Bill(Add Qty)

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR No.....

Date.....Dt.2024.....

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Job Code :-004-22-000011**

Schedule Docket No. Head of Account : P 0300 M&R to Street lights- Replacement of Burny bulbs etc

D.R.No. **: Period: 01-04-2023 to 30-06-2024 (For 15 Months)**

Name of Work : - *Annual Maintenance and repairs of street lights in ward no 04 Package Y-04 of Yelahanka Zone"*

Name of Contractor and Full Address:**M/S. Suraksha Electricals**

Reference to Agreement No:EE/Ele/YZ/AG/000004/2022-23 Date:01/04/2022

Reference to Work order No:EE/Ele/YZ/WO/000004/2022-23 Date:01/04/2022

Supplymentary AgreementNo:- EE/Ele/YZ/AG/000003/2024-25 Dated 22-07-2024

Certified that the measurements were taken by me on 11/07/24 and recorded of Pages 260925 to 260930 of measurement Book No. 26610/24-26 and that the work is satisfactorily executed.

For M/s. Suraksha Electricals

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 11/07/24 and found correct. The work is satisfactorily executed. Proprietor

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-Division Officer
BBMP, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	UPDT 1104883-12
2)	Deduct amount to be held in reserve being .....percent Rs.....	P.Bill 1057330-84
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted	20thRABill 597030:00
	towards cash advance recovery of	IT 1%. 5970:00
	b) Payments Now made cost store or other material supplied.	LWC 1%. 5970:00
	recovery of amount creditable to this/other work	CGST 1%. 5970:00
	Amount paid on this bill Cheque / Cash.	SGST 1%. 5970:00
5)	Balance being unpaid value of work done held in reserve.	CBF 0.1%. 597:00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	unadjustments items. Scrap 2%. 11941:00
7)	Net amount due to or from Contractor	Total amount adjusted - 36418:00
8)	Advance to Contractor for materials brought to site (as detailed) within.	TDS Deducted by cheque 560612:00
9)	Value of Government materials supplied.	

For M/s. Suraksha Electricals
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

For M/s. Suraksha Electricals
Stamp
Proprietor

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Proprietor
Rs. 597030:00 ಅಡಿಟ್ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ
Rs. 560612:00 ಚೆಕ್ ನೀಡಬಹುದಾಗಿದೆ
Rs. 36418:00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ
Executive Engineer
ಕಾ.ಮು.ಅ.(ವಿ) ಯಲಹಂಕ ವಲಯ
ಲೆಕ್ಕ ಅಧಿಕ್ಷಕರು

Sl. No.	Description of item	Unit
	Name of Work :-Annual Maintenance and repairs of street lights in ward no 04 Package Y -04 of Yelahanka Zone	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/ fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 W fluorescent tube light street lighting systems.	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/failed /fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 W HPMV light Park lighting systems.	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250W HPSV street light lighting systems.	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/ fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents 400 watts HPSV street light/High Mast lighting systems.	Each
5	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 24 watt LED park lighting systems.	Each
6	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 65 watt LED street light lighting systems.	Each
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 90 watt LED street light lighting systems.	Each
8	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED streetlight lighting system	Each
	Additional Quantity From (11.03.2024 to 30.06.2024 for 3 Months 20 Days)	Each
9	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/ fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 150/200 watt LED street light /High mast lighting system	Each
	Additional Quantity From (01.04.2023 to 30.06.2024 for 15 Months)	
	Additional Quantity From (11.03.2024 to 30.06.2024 for 3 Months 20 Days)	

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
					Upto Date paid so for 27 Months		
0	0	0	57.12	0.00	0	0.00	
0	0.00	0	63.02	0.00	0	0.00	
2136x27 Months	4899236.40	0	84.95	0.00	2136x27 Months	4899236.40	
202x27 Months	225844.08	0	93.17	0.00	202x27 Months	225844.08	
0	0.00	0	73.33	0.00	0	0.00	
98x27 Months	251793.36	0	95.16	0.00	98x27 Months	251793.36	
1034x 27 Months	3204986.40	0	114.80	0.00	1034x 27 Months	3204986.40	
163 x 27 Months	56721.17	0	131.30	0.00	163 x 27 Months	56721.17	
0	0.00	41	131.30	19737.51	0	19737.51	
0	0.00	0	155.95	0.00	0	0.00	
0	0.00	208	155.95	486592.60	208 X15	486592.60	
0	0.00	190	155.95	108651.55	190	108651.55	

10	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.Upto 5Mtr street light pole.	Nos
11	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.8Mtr and above street light pole.	Nos
12	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) 100Amps 25kA.	Each
13	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.260mmx210mmx116mm	Each
14	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm.Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Floodlight 240W	Nos
15	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm	Mtr
16	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100 to 125Amps	Nos
17	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each
18	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 Amps SP	Each
	TOTAL	
	This Bill Amount Limited to ZC Approved Cost	
	Add GST 18 % on item no 10 to 18	0.00
	TOTAL Rs	
	Fine imposed for non burning of street lights For the period of	
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material	
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carried out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

0	0.00	0	550.00	0.00	0	0.00	
235	180950.00	0	770.00	0.00	235	180950.00	
38	172140.00	0	4530.00	0.00	38	172140.00	
36	73944.00	0	2054.00	0.00	36	73944.00	
46	846400.00	0	18400.00	0.00	46	846400.00	
50.00	12750.00	0	255.00	0.00	50	12750.00	
20.00	144000.00	0	7200.00	0.00	20	144000.00	
20	80600.00	0	4030.00	0.00	20	80600.00	
28	20244.00	0	723.00	0.00	28	20244.00	
	10169609.41			**614981.66**		**10784591.07**	
				574952.14			
	282190.41	-12%	68994.26	505957.88	add 6% GST(18%-12%)	264239.05	
	121507.02						
	10573306.84	18%	91072.42	**597030.30**		**11048830.12**	
	96000.00			0.00		96000.00	
	176361.06			11940.61		188301.67	
	10300945.78			**585089.70**		**10764528.46**	